Name Date

Homework Section 3.1

Chapter

3

Choose a benchmark for each fraction using $0,\frac{1}{2}, or 1.$

Answers

 1.

 2.

 3.

 4.

 5.

 6.

 7.

 8.

 9.

 10.

 11.

 12.

 13.

 14.

 15.

 16.

 17.

 18.

 1. $\frac{15}{16}$ **2.** $\frac{1}{10} $

 3. $\frac{5}{8}$ 4. $\frac{2}{9}$

Round each mixed number to the nearest whole number.

 5. $1\frac{1}{3}$ 6. $10\frac{3}{4}$

 7. $6\frac{7}{12}$ 8. $8\frac{2}{5}$

Use benchmarks to estimate

 9. $\frac{1}{7}+\frac{3}{8}$ 10. $\frac{5}{11}-\frac{1}{5}$

 11. $\frac{1}{6}+\frac{5}{8}$ 12. $\frac{3}{4}-\frac{5}{6}$

Use rounding to estimate

 13. $5\frac{3}{5}+3\frac{2}{3}$ 14. $7\frac{2}{3}-2\frac{11}{12}$

 15. $5\frac{2}{9} ·4\frac{9}{10}$ 16. $1\frac{7}{10} ·8\frac{1}{12}$

Use compatible numbers to estimate.

 17. $10\frac{7}{8} ÷3\frac{1}{9}$ 18. $7\frac{5}{8} ÷1\frac{1}{2}$